

ABSTRACT OF THE DISCLOSURE

A method for determining the code phase between a code modulated signal 21 received at a receiver and an available
5 replica code sequence which reduces the complexity of time to frequency transform based correlations performs a multiplication (25) between a first vector (23) and a second vector (24) resulting in a third vector (26), which
10 first vector (23) is generated based on the received signal (21) and which second vector (24) is generated based on the replica code sequence, both in an operation including a time to frequency transform. The method further comprises dividing the resulting vector (26) into sections (29) and summing (30) the samples in each section (29) to form a
15 vector (31), upon which a frequency to time transform is performed. The invention relates equally to a corresponding receiver, to an electronic device comprising such a receiver, to a device cooperating with such a receiver and to a corresponding system.

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For publication: Figure 2